

## **Historic, Archive Document**

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# Universal Bulb Corp.

LUDLOW and BRIDGE STREET • YONKERS 5, N. Y.



## Fall Bulb List

We guarantee all stock shipped by us to be true to name and sound in every respect. In keeping with the trade custom, and as we exercise no control over conditions under which this stock is planted and grown by the purchaser we cannot be responsible for the results obtained. We allow five days after receipt of merchandise for acceptance or return of goods by you, after the expiration of which no request for adjustment will be entertained.

Our prices are published separately, and a list of them is enclosed. All prices apply to top-quality bulbs packed in standard units of packing, F.O.B. Yonkers, N. Y.

### DARWIN TULIPS

The varieties preceded with F are recommended for forcing under glass. This does not necessarily mean that they are early forcers. Refer to table of forcing dates after each group. Complete forcing suggestions will be supplied upon request.

The relative time of flowering outdoors is indicated by the numeral in parenthesis immediately following the name of the variety, (1) being the earliest. The approximate height is indicated in inches after the description.

- AFTERGLOW (3)**—Soft apricot-orange tinted salmon pink, edged salmon-orange. Inside glossy orange with lighter base. 28"
- F **ALLARD PIERSON (1)**—Deep crimson shaded maroon. Extremely early. 27"
- F **ALL BRIGHT (2)**—Scarlet-red with blue base; sport of Bartigon. Large strong flower on strong stem. 25"
- ANTON MAUVE (2)**—Large cup-shaped flower, clear violet merging to silvery lilac at edges. 29"
- BARONNE DE LA TONNAYE (3)**—Bright rose shaded rosy-crimson, merging to silvery rose at edges. An old variety, still very satisfactory for garden use. 28"
- F **BARTIGON (2)**—Fiery crimson with white base. Large strong flower on a strong stem. Excellent forcer as well as a fine bedder. 25"
- BLEU AIMABLE (3)**—Bright violet with steel blue shading. Inside violet-purple with light base. Beautiful flower of distinctive shape. 26"
- F **CAMPFIRE (2)**—Blood red sport of Bartigon. Flower of great substance on strong stem. 25"
- CENTENAIRE (2)**—Rich violet rose flushed claret, margined silvery rose. 29"
- CHARLES NEEDHAM (2)**—Brilliant scarlet, large flower of fine form on strong stem. Considered the best red Darwin; an exceptionally long-lasting flower.
- F **CITY OF HAARLEM (3)**—Immense fiery vermillion scarlet of excellent form and substance. Base of flower deep violet edged white. 28"
- CLARA BUTT (3)**—Soft salmon rose. A most beautiful and dependable bedding variety. 24"
- ECLIPSE (3)**—Glowing dark blood-red with blue base, margined white. Large, splendidly shaped flower of remarkable substance on strong stem. 29"
- FARNCOMBE SANDERS (3)**—Vivid rosy scarlet with clear white base. Large well-shaped flower, splendid for bedding. 30"
- FAUST (1)**—Dark satiny-purple, almost black, with blue base. Long flower of splendid form. 30"
- F **FEU BRILLIANT (2)**—Beautiful brilliant scarlet. Well shaped flower on strong stem. 27"
- F **GIANT (2)**—Rich bright purple violet with base of white and blue. Fine form, and a large flower of strong texture. 30"
- F **GLACIER (2)**—(Wildlust)—Very large white oval-shaped flower with white anthers. Strong texture. 26"
- GLORIA SWANSON (2)**—Rosy-red turning to clear red as flower ages, white base. Very large flower on tall strong stem. 30"
- F **GOLDEN AGE (2)**—Dark yellow shaded orange. Large flower of remarkable substance. 23"

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## DARWIN TULIPS—Continued

- GREUZE (2)**—Deep bright violet-purple, strong grower. 27"
- HELEN EAKIN (White Perfection) (2)**—Glistening pure white with dark anthers. Splendid cup-shaped flower. 30"
- F **HERODIADE (1)**—Bright lilac rose. Good sized flower of medium height, excellent for pans. 24"
- F **INSURPASSABLE (2)**—Unusually large lilac flower of fine form and great substance. Tall strong grower. 29"
- KATHLEEN PARLOW (2)**—Bright silvery-rose, with lighter edge. Large beautifully shaped flower on a tall strong stem. 26"
- KING GEORGE V (3)**—Brilliant cherry-rose with blue and white base. Large flower of perfect form and good substance. 30"
- F **KING HAROLD (2)**—Deep mahogany red, of good size and form on strong stem. 24"
- LA FIANCEE (2)**—Rich rosy pink with slightly paler edge. 28"
- F **LA SALLE (2)**—Creamy white with dark stamen. Early and tall. 28"
- LA TULIPE NOIRE (2)**—"The Black Tulip." Dark velvety maroon-black. Large flower of perfect form. 26"
- F **MATCHLESS**—See Roi d'Islande.
- MADAME KRELAGE (2)**—Bright lilac-rose with silvery rose margin. Long flower of good substance. 30"
- MR. VAN ZYL (2)**—Deep rose-pink with broad white margin and white base. A beautiful improvement on Rosabella. 26"
- F **MRS. MANDEL (Pansy Blue) (2)**—Violet blue flushed lilac, with white base. Good for early forcing. 28"
- MRS. POTTER PALMER (2)**—Glowing ruby-purple, medium sized flower. 28"
- F **NIPHETOS (2)**—Large oval-shaped flower of light lemon-yellow. Strong stem; long lasting. 29"
- PANSY BLUE**—See Mrs. Mandel.
- PEKING (4)**—Pure deep golden yellow, dark stamen. Good form and substance. 28"
- F **PHILIP SNOWDEN (2)**—Dark rose sport of Bartigon; large strong flower on strong stem. Excellent forcer and bedder. 25"
- F **PHILIPPE DE COMMINES (1)**—Velvety purplish-maroon, lighter than La Tulipe Noire. Tall. 30"
- F **PRESIDENT TAFT (3)**—Deep blood red with base of dark blue, edged white. Large and strong flowers. 28"
- PRIDE OF HAARLEM (1)**—Brilliant old-rose. Large flower of fine form. Still one of the best bedding Tulips. 30"
- PRIDE OF ZWANENBURG (2)**—Beautiful and pleasing shade of rose-pink, shaded salmon. Inside reddish-pink, with white base and purplish-black anthers. Large flower of strong texture on strong stem. 27"
- PRINCE OF WALES (2)**—Cherry-red flushed and shaded rosy pink. 25"
- F **PRINCESS ELIZABETH (3)**—Rose-pink, slightly margined lighter pink, with white base. One of the best medium-early forcers. 28"
- F **PROFESSOR RAUWENHOFF (3)**—Bright cherry-red flushed salmon-scarlet with blue base. Large flower on good stem. Good. 28"
- F **PRUNUS (2)**—Beautiful clear pink sport of Bartigon, white base. Excellent for bedding and forcing. 25"
- REVEREND EWBANK (2)**—Soft heliotrope with silvery lavender sheen, paler edge. Good size flower of fine form, excellent for bedding. 26"
- F **ROI D'ISLANDE (Matchless) (2)**—Charming delicate old rose. A sturdy grower of medium height, most suitable for late pans. 25"
- F **ROSE COPELAND (1)**—Deep rose sport of William Copeland with the same good forcing qualities and a much better color. 26"
- SCARLET BEAUTY (2)**—Fiery scarlet, flushed orange, blue center bordered white. 20"
- SCOTCH LASSIE (2)**—Pure deep lavender, with darker tone inside. Large size flower with good lasting qualities. 28"
- SUNDEW**—See Parrot Tulips.
- SUNKIST (2)**—Brilliant rich golden-yellow. Large flower of splendid form and excellent substance. The best yellow Darwin. 27"
- F **THE BISHOP (4)**—Beautiful and unique shade of deep heliotrope with white base. Large fine flower and a tall sturdy grower. 30"
- THE PEACH (3)**—Peach color with large white center, a flower of fine form on strong stems. 30"
- F **TINDAL (2)**—Deep scarlet sport of Bartigon. Large flower on strong stem, excellent for forcing or bedding. 25"
- VENUS (3)**—Pure silvery rose, with white base marked with pale blue ring. Large flower of good form and substance on a very strong stem. 30"
- F **VICTOIRE D'OLIVIERE (Victory) (2)**—Blood-red shading to vermillion at edges. Good forcer. 25"
- WHITE GIANT (3)**—Large pure white of good form and strong texture on tall strong stems. Excellent bedder. 30"
- WHITE PERFECTION**—See Helen Eakin.
- WILDLUST**—See Glacier.
- F **WILLIAM COPELAND (1)**—Rosy magenta outside; soft lavender when forced. Medium sized flower, fine for early forcing. 26"
- F **WILLIAM PITT (2)**—Bright crimson-scarlet. Medium sized flower, excellent for early forcing, earlier than Bartigon. 26"
- YELLOW GIANT (4)**—Golden yellow slightly mottled bronze. Large flower on tall strong stem. 32"
- F **ZWANENBURG (3)**—Large pure white with black anthers. Good form and substance. 28"
- MIXED DARWIN TULIPS**—An excellent blend of all colors.

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## DARWIN TULIP FORCING DATES

VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date	VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date
ALLARD PIERSON	P-CF	Dec. 20	Jan. 20	PANSY BLUE	P-CF	Dec. 25	Feb. 1
ALL BRIGHT	P-CF	Jan. 15	Feb. 20	PEKING	P-CF	Jan. 25	Mar. 1
BARTIGON	P-CF	Jan. 15	Feb. 20	PHILIP SNOWDEN	P-CF	Jan. 15	Feb. 20
CAMPFIRE	P-CF	Jan. 15	Feb. 20	PHILIPPE DE COMMINES	CF	Feb. 1	Mar. 1
CENTENAIRE	CF	Jan. 1	Feb. 10	PRESIDENT TAFT	P-CF	Jan. 25	Feb. 25
CHARLES NEEDHAM	CF	Feb. 15	Mar. 20	PRINCE OF WALES	CF	Jan. 15	Feb. 20
CITY OF HAARLEM	CF	Jan. 10	Feb. 15	PRINCESS ELIZABETH	CF	Jan. 10	Feb. 15
FAUST	CF	Feb. 1	Mar. 1	PROFESSOR RAUWENHOFF	CF	Jan. 15	Feb. 20
FEU BRILLIANT	CF	Jan. 25	Feb. 25	PRUNUS	P-CF	Jan. 15	Feb. 20
GIANT	CF	Jan. 10	Feb. 15	ROI D'ISLANDE	P	Feb. 1	Mar. 1
GOLDEN AGE	P-CF	Feb. 5	Mar. 10	ROSE COPELAND	P-CF	Dec. 20	Jan. 20
HERODIADE	P	Jan. 25	Feb. 25	THE BISHOP	P-CF	Jan. 25	Feb. 25
KING GEORGE V	CF	Jan. 25	Feb. 25	TINDAL	P-CF	Jan. 15	Feb. 20
KING HAROLD	CF	Feb. 10	Mar. 10	VENUS	CF	Feb. 1	Mar. 5
LA FIANCEE	CF	Jan. 10	Feb. 10	VICTOIRE D'OLIVIERE	P-CF	Jan. 1	Feb. 10
LA SALLE	CF	Dec. 25	Feb. 1	WILLIAM COPELAND	P-CF	Dec. 20	Jan. 20
MRS. MANDEL	CF	Dec. 25	Feb. 1	WILLIAM PITT	P-CF	Jan. 1	Feb. 10
NIPHETOS	CF	Feb. 25	Mar. 25	ZWANENBURG	CF	Feb. 1	Mar. 1

\*These dates are approximate and in no way guaranteed.

P means suitable for pans. CF means suitable for cut flowers.

## COTTAGE TULIPS

The varieties preceded with F are recommended for forcing under glass. Cottage Tulips (with the exception of Albino) must be forced cooler than Darwins. Complete forcing suggestions will be supplied on request.

The relative time of flowering outdoors is indicated by the numeral in parenthesis immediately following the name of the variety, (1) being the earliest. The approximate height is indicated in inches after the description.

- F **ADVANCE (2)**—Fiery scarlet red, flushed deep rosy orange. An enormous flower of striking beauty on cane-like stems. Forces for March. 30"
- F **ALBINO (2)**—Splendid pure white. Well formed flower of good substance on exceptionally strong stem. Forces for mid-February. Equally good for Easter pans, or cut-flowers. 26"
- AMBROSIA (2)**—Terra cotta tinted with amber and rose. Large flower of good form and substance on long stem. Fragrant. 29"
- ARETHUSA (2)**—Soft chrome yellow. Large well-formed flowers with slightly reflexing petals. 27"
- F **ARGO (2)**—Golden yellow mottled red, turning when in full bloom to reddish brown. Good sized round flower on strong stem. Good for late cut-flowers and pans. 24"
- AVIS KENNICOTT (3)**—Very large chrome yellow flower, black base. Reflexing petals. Good for late cut-flowers from cold-frames. 26"
- BELLE JAUNE**—Exceptionally fine pure deep yellow. Large, long, well-formed flower on strong stem. 25"
- F **CARRARA (2)**—Pure white, yellow anthers. Large cut-shaped flowers of good texture on strong stem. Excellent bedder and fine for cut-flowers and Easter. 24"
- F **DIDO (3)**—Orange-red with slight carmine shade and bright orange edge. Inside bright salmon orange with yellow base. A large strong, fragrant flower of great beauty. 28"
- F **ELLEN WILLMOTT (4)**—Soft creamy-yellow. Long flower with reflexing petals. 20"
- GESNERIANA SPATHULATA MAJOR (Red Rocket) (4)**—Rich luminous crimson scarlet with blue black base. Long splendid flower, one of the best. 24"
- F **GOLDEN HARVEST (3)**—Soft lemon yellow. Large flower of good substance on strong stem. Excellent forcer and bedder. 28"
- GRENADIER (2)**—Intense rich flame orange with yellow base. Strong variety of striking appearance. Fragrant. 20"
- INGLESCOMBE PINK (Salmon Queen) (2)**—Soft salmon pink, globular formed flower of medium size. 24"
- F **INGLESCOMBE YELLOW (4)**—Clear canary yellow, known as the "Yellow Darwin." Globular flower of good form. 22"
- JEANNE DESOR (3)**—Vivid deep canary yellow with irregular broad border of scarlet. Large long flower on tall strong stem. 26"
- JOHN RUSKIN (4)**—Apricot orange shaded rosy lilac, edged soft lemon. Long oval shaped flower of perfect form. 20"
- LEMON QUEEN**—See Mother's Day.
- MARCELLINA (3)**—Lily flowering. Rosy-carmine with lighter edge, and white center. Large flower on tall stem; much better than Sirene.
- MARJORIE BOWEN (2)**—Combination of buff and salmon passing into rosy pink and salmon, inside orange with yellow base.
- MARTHA (2)**—Lily-flowering. Dark carmine-rose with bluish-white base. Improved Artemis. Very tall. 28"
- MAYFLOWER (2)**—One of the largest Tulips in existence. Fiery scarlet with blue base. One of the earliest to flower outdoors. 24"
- MONGOLIA (3)**—Distinct shade of deep chrome yellow. Enormous pear-shaped flowers of great substance on extra strong stems. An outstanding variety. 30"

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## COTTAGE TULIPS—Continued

- F **MOONLIGHT (1)**—Pale primrose yellow, large long flower of good substance with slightly reflexed petals. Very early. 24"
- F **MOTHER'S DAY (Lemon Queen) (3)**—Pale primrose, inside glossy buttercup yellow. Good form on tall stem. 28"
- MRS. JOHN T. SCHEEPERS (2)**—Enormous flower of brilliant golden yellow, well formed, oval shape of excellent substance. One of the best yellows. 26"
- F **MRS. MOON (4)**—Dark canary yellow with pointed petals slightly reflexed at top. A perfect flower. 26"
- ORANGE KING (3)**—Vivid deep orange shaded rose. Good sized globular flower. Fragrant. 22"
- PICOTEE (3)**—Lily-flowering. White with narrow picoteed margin of deep rose. Medium size flower with reflexed petals. 20"
- PRESIDENT HOOVER (3)**—Deep orange scarlet, lighter inside, yellow base. Remarkable substance. Tall stem. 26"

- RED ROCKET**—See *Gesneriana Spathulata* Major.
- F **ROSABELLA (2)**—Luminous rose pink, margined silvery white, with creamy white base, inside shell pink. Strong flower of dainty appearance. 22"
- SALMON QUEEN**—See *Inglescombe* Pink.
- SIRENE (2)**—Lily-flowering. Cerise pink with white base. Reflexed petals. 18"
- F **VESTA (2)**—Pure white, well shaped flower. Good forcer. 22"
- F **WALL STREET (3)**—Particularly fine shaped flower of deep golden yellow. 26"
- WHITE DUCHESS (3)**—Lily-flowering. Snowy white, greenish base. Well formed flower with undulated petals. 27"
- F **YELLOW EMPEROR (3)**—Brilliant golden yellow of great beauty and splendid form. 26"
- MIXED COTTAGE TULIPS**—All colors mixed.

## COTTAGE TULIP FORCING DATES

VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date
ADVANCE	CF	Feb. 1	Mar. 1
ALBINO	P-CF	Jan. 15	Feb. 15
ARGO	P-CF	Feb. 1	Mar. 1
AVIS KENNICOTT	CF	Feb. 15	Mar. 20
CARRARA	CF	Feb. 1	Mar. 1
DIDO	CF	Feb. 15	Mar. 15
ELLEN WILLMOTT	CF	Feb. 1	Mar. 1
GOLDEN HARVEST	P-CF	Jan. 5	Feb. 10

VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date
INGLESCOMBE YELLOW	CF	Feb. 1	Feb. 25
MOONLIGHT	CF	Feb. 1	Feb. 20
MOTHER'S DAY	CF	Feb. 1	Feb. 25
MRS. MOON	CF	Feb. 15	Mar. 10
ROSABELLA	CF	Feb. 15	Mar. 10
VESTA	CF	Feb. 1	Feb. 25
WALL STREET	CF	Jan. 15	Feb. 25
YELLOW EMPEROR	CF	Feb. 15	Mar. 15

\*These dates are approximate and in no way guaranteed.

P means suitable for pans. CF means suitable for cut flowers.

## BREEDER TULIPS

The flowers are large, usually egg-shaped and are produced on heavy stems. They open out during the heat of the day showing their attractive centers, but close again at evening.

The relative time of flowering is indicated by the numeral in parenthesis immediately following the name of the variety, (1) being the earliest. The approximate height is indicated in inches after the description.

**ALICE KEITH (Reve d'Or) (2)**—Orange-red flushed orange yellow, with bronze edge. Inside warm bronze-orange. Pleasantly fragrant. 26"

**BACCHUS (2)**—Bright plum purple with silvery sheen, white base. Large egg-shaped flower, very fine. 30"

**BRONZE QUEEN (2)**—Soft buff tinged apricot and golden bronze. Large flower of good form and substance and a sturdy grower. May be forced for March cut flowers. 26"

**CARDINAL MANNING (4)**—Rosy mauve flushed bronze, shading to orange at edges of petals. Large egg-shaped flower. 30"

**CHERBOURG (2)**—Golden bronze shaded lighter bronze. Large egg-shaped flower on tall strong stem. One of the best. 30"

**DILLENBURG (2)**—Bright salmon-orange with bronze yellow edge, inside glistening orange. Large egg-shaped flower on strong stem. An outstanding variety. 28"

**DOM PEDRO (3)**—Real coffee-brown, shaded maroon with yellowish base; inside mahogany. Fragrant. 26"

**FAIRY**—See *Panorama*.

**GARIBALDI (3)**—Buff orange shaded lilac-bronze with yellow edge. Long flower with slightly pointed petals. 32"

**GOLDEN BRONZE (3)**—Old gold shaded bronze, inside deep golden bronze. 26"

**INDIAN CHIEF (Meyerbeer) (2)**—Indian coppery-red, flushed purple. Enormous flower of outstanding form on a very tall strong stem. One of the finest. 32"

**LOUIS XIV (3)**—Dark purple flushed golden bronze, broadly margined golden brown. Large globular flower of stately beauty. 32"

**LUCIFER (4)**—Bright terra-cotta orange, flushed rosy orange. Inside dark orange with yellow base. Very fine large long flower, nicely scented. 29"

**NEWTON (3)**—Tallest of all Breeders. Rich deep purplish-blue. 35"

**PANORAMA (Fairy) (4)**—Brownish red flushed orange scarlet with olive green base. Large flower of fine form. Fine for bedding and pans in March. 25"

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## BREEDER TULIPS—Continued

**PRINCE OF ORANGE (Orange Beauty) (4)**—Bright terra-cotta with orange yellow edge and base. Fragrant, bright flower of great substance. Good for cut flowers from cold frames. 26"

**REVE D'OR**—See Alice Keith.

**ROI SOLEIL (2)**—Dark violet-blue shaded bronze, a striking color combination. Fine large well-formed flower. 32"

**TANTALUS (3)**—Light cadmium yellow, overlaid with slaty violet. Very large and beautiful cup-shaped flower. One of the best. 30"

**VELVET KING (2)**—Bright dark royal purple with small white base. Strong flower on good stem. 30"

**WILLIAM THE SILENT (3)**—Bright pansy violet-purple shaded reddish purple with creamy base. Extremely large flower of good form and substance. 30"

**YELLOW PERFECTION (4)**—Light yellow shaded olive. Large flower on strong stem. Useful for cut flowers from cold frames in March. 26"

**MIXED BREEDERS**—Mixture of all colors.

## SINGLE EARLY TULIPS

While not possessing the size of flower nor length of stem of the Darwins and Cottages, this group is quite useful for planting in flower beds or wherever early flowers are desired. For forcing they are of particular value, being early and requiring less time in the greenhouse than any other group.

The varieties preceded with F are recommended for forcing under glass. Complete forcing suggestions will be supplied upon request.

The relative time of flowering outdoors is indicated by the numeral in parenthesis immediately following the name of the variety, (1) being the earliest. The approximate height is indicated in inches after the description.

F **ALBION**—See White Hawk.

**ARTUS (2)**—Bright crimson scarlet. Long flower of good form, for bedding only. 10"

F **BRILLIANT STAR (1)**—Dazzling vermillion scarlet. Good early forcer and bedder. 12"

F **COULEUR DE CARDINAL (2)**—Bright crimson-scarlet shaded plum-crimson. Wonderful keeper, fine for bedding and February forcing. Excellent for pans. 13"

**CRAMOISIE BRILLIANT (3)**—Glowing deep crimson scarlet with yellow base. 14"

F **CULLINAN (1)**—Rosy pink, shading to silvery pink, white at center of petals. Early forcer. 12"

F **DIADEM (2)**—Brilliant deep rosy-apricot. Good bedder and fine forcer. 13"

F **FIREGLOW**—See General De Wet.

F **FLAMINGO (2)**—Bright carmine rose shaded and flushed white. Good for early forcing. 13"

F **FRED MOORE (2)**—Sweet-scented orange scarlet. Fine for forcing and bedding. 14"

F **GENERAL DE WET (Fireglow) (3)**—Brilliant orange shaded orange-scarlet on a golden yellow ground. Forces uniform orange. Excellent for bedding and forcing. Sweet-scented. 20"

F **IBIS (2)**—Deep brilliant pink shaded silvery white at edges. Good for early forcing. 14"

F **KEIZERSKROON (1)**—Bright scarlet with broad canary yellow margin. Very large showy flower. Excellent bedder and February forcer. 16"

F **KING OF THE YELLOWS (2)**—Pure deep yellow, valuable for early forcing. 14"

F **LA REINE MAXIMUS (2)**—White, faintly flushed pink. A greatly improved La Reine. Fine for forcing. 14"

F **MADAME GEYERS (2)**—Large pale primrose yellow. Good forcer. 12"

F **MON TRESOR (1)**—Deep yellow, large fine flower. Excellent for bedding and early forcing. Good for early pans. 13"

F **OLYMPIADE (1)**—Extra fine bright buttercup yellow. Very large flower of fine form on a tall stem. Fine for bedding and February-March forcing. 18"

F **PELICAN (2)**—Large globular pure white, sport of White Hawk, and generally considered an improvement. 13"

F **PINK BEAUTY (3)**—Bright cherry rose, margined white. Large flower of excellent form. Fine for Easter pans. 12"

F **PRINCE OF AUSTRIA (3)**—Brilliant orange red with yellow base. Large flower on strong stem; fine for bedding or forcing. Sweet-scented. 12"

F **PRINCESS JULIANA (3)**—Deep rose shaded white at edges. Fine for forcing. 13"

F **PROSPERINE (1)**—Rich silky rosy-carmine with white base. Large flower, very early. 12"

F **RISING SUN (2)**—Deep golden yellow. Large tall flower of excellent substance. Equally good for bedding and February forcing. 16"

F **ROSE LUISANTE (3)**—Brilliant rosy pink. Large flower of good form and substance. Extra good for Easter pans. 12"

F **ROSE PRECOSE (1)**—Silvery-rose, large pointed flower of good form and substance. Early forcer. 14"

F **SUNBURST (2)**—Deep canary yellow flushed orange scarlet, margined yellow. Large flower of fine form, sweet-scented. Superb new variety. 13"

**VAN DER NEER (1)**—Soft violet, large well-formed flower. Fine bedder. 12"

F **VERMILLION BRILLIANT (1)**—Brilliant vermillion scarlet. Large flower of good form especially suitable for early forcing for pans. 12"

F **WHITE HAWK (Albion) (2)**—Pure white large globular flower with slightly crinkled petals. Excellent early forcer and bedder. 12"

**WHITE SWAN (4)**—Pure white tall medium-sized flower of globular form. Very late, good bedder. 15"

F **YELLOW PRINCE (2)**—Deep canary yellow of fine form. Good for bedding or forcing. Sweet-scented. 12"

**MIXED EARLY SINGLE TULIPS**—All colors mixed.

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## SINGLE EARLY TULIPS FORCING DATES

VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date	VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date
BRILLIANT STAR	P	Dec. 15	Jan. 1	MON TRESOR	P	Dec. 15	Jan. 5
COULEUR DE CARDINAL	P-CF	Jan. 15	Feb. 10	OLYMPIADE	P-CF	Jan. 20	Feb. 20
CULLINAN	CF	Dec. 30	Jan. 20	PELICAN	CF	Dec. 30	Jan. 25
DIADEM	P-CF	Jan. 15	Feb. 10	PINK BEAUTY	P	Feb. 15	Mar. 10
FLAMINGO	CF	Dec. 30	Jan. 25	PRINCE OF AUSTRIA	CF	Dec. 30	Jan. 25
FORTUNA	P	Jan. 25	Feb. 20	PRINCESS JULIANA	CF	Dec. 30	Jan. 25
FRED MOORE	CF	Dec. 15	Jan. 10	RISING SUN	CF	Jan. 15	Jan. 30
GENERAL DE WET	P-CF	Dec. 30	Jan. 25	ROSE LUISANTE	P	Jan. 25	Feb. 15
IBIS	P-CF	Dec. 30	Jan. 25	ROSE PRECOSE	P	Dec. 15	Jan. 10
KEIZERSKROON	P-CF	Feb. 1	Feb. 25	SUNBURST	P-CF	Jan. 15	Feb. 10
KING OF THE YELLOWS	P-CF	Dec. 20	Jan. 10	VERMILLION BRILLIANT	P	Dec. 23	Jan. 15
LA REINE MAXIMUS	CF	Dec. 30	Jan. 25	WHITE HAWK	CF	Dec. 30	Jan. 25
MADAME GEVERS	P-CF	Dec. 30	Jan. 25	YELLOW PRINCE	CF	Dec. 26	Jan. 15

\*These dates are approximate and in no way guaranteed. P means suitable for pans. CF means suitable for cut flowers.

## DOUBLE EARLY TULIPS

The varieties preceded with F are recommended for forcing under glass. Complete forcing suggestions will be supplied upon request.

The relative time of flowering outdoors is indicated by the numeral in parenthesis immediately following the name of the variety, (1) being the earliest. The approximate height is indicated in inches after the description.

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| <p>F <b>AZALEA (2)</b>—Vivid clear carmine pink shaded silvery pink. Very good for forcing. 12"</p> <p><b>BOULE DE NEIGE (Snowball; Purity) (2)</b>—Large pure white resembling a small white Peony. Fine bedding variety. 12"</p> <p>F <b>COURONNE D'OR (2)</b> — Deep golden yellow shaded orange. Strong stem, excellent for forcing or bedding. 12"</p> <p>F <b>ELECTRA (2)</b>—Glistening carmine-rose, fine fully double flower. Excellent forcer and bedder. 12"</p> <p>F <b>EL TOREADOR (2)</b>—Bright crimson-scarlet, broadly margined yellow. Fine forcer. 12"</p> <p>F <b>IMPERATOR RUBRORUM (2)</b>—Bright scarlet, a fine variety for forcing. 12"</p> <p>F <b>MARECHAL NEIL (2)</b>—Canary yellow shaded salmon in beautiful combination. Splendid bedder and forcer. 12"</p> <p>F <b>MR. VAN DER HOEFF (3)</b>—Fine deep canary yellow sport of Murillo. Fine for forcing or bedding. 11"</p> <p>F <b>MR. VAN TUBERGEN (2)</b>—Intense canary yellow of good form, sport of Couronne d'Or. One of the brightest of all yellow Tulips. Good forcer. 13"</p> <p>F <b>MURILLO (3)</b>—White flushed delicate pink. An attractive and popular variety for bedding and forcing. 11"</p> <p>F <b>ORANGE GLOBE (2)</b>—Deep orange with yellow margin. Showy sport of Couronne d'Or. 12"</p> | <p>F <b>ORANGE NASSAU (3)</b>—Deep orange scarlet margined orange. Excellent bedder and forcer. 11"</p> <p>F <b>PEACH BLOSSOM (3)</b>—Bright rose pink sport of Murillo. Perfect forcer. 12"</p> <p><b>RUBRA MAXIMA (2)</b>—Deep crimson scarlet of good form. Suitable for bedding only. 10"</p> <p>F <b>SALMONETTE (2)</b>—Salmon rose shaded orange, changing to rose-pink with salmon edge. 12"</p> <p>F <b>SCARLET CARDINAL (2)</b>—Huge brilliant vermillion scarlet of perfect form. Can be forced for early January. Best double red in existence. 10"</p> <p>F <b>SCHOONOORD (2)</b>—Pure white sport of Murillo. Large fine flower. 12"</p> <p>F <b>TEAROSE (2)</b>—Combination of pale yellow and soft rose. Popular bedder and forcer. 11"</p> <p>F <b>TITIAN (2)</b>—Vivid scarlet, edged canary yellow. Good forcer. 10"</p> <p>F <b>TOURNESOL (2)</b>—Bright crimson red with broad yellow margin. Good bedder and easy forcer. 9"</p> <p>F <b>TRIUMPHATOR (2)</b>—Deep rose pink sport of Murillo of good form, similar to Peach Blossom. 10"</p> <p>F <b>VUURBAAK (3)</b> — Fiery scarlet, slightly flushed orange. Large fine flower. Fine for bedding and late pans. 12"</p> <p><b>MIXED DOUBLE EARLY TULIPS</b>—All colors mixed.</p> |
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## DOUBLE EARLY TULIPS FORCING DATES

VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date	VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date
AZALEA	P	Jan. 10	Feb. 1	ORANGE NASSAU	P	Jan. 10	Feb. 1
COURONNE D'OR	P-CF	Dec. 25	Jan. 20	PEACH BLOSSOM	P	Jan. 10	Feb. 1
ELECTRA	P	Jan. 10	Feb. 1	SALMONETTE	P	Jan. 10	Feb. 1
EL TOREADOR	P	Jan. 5	Jan. 25	SCARLET CARDINAL	P	Dec. 20	Jan. 10
IMPERATOR RUBRORUM	P-CF	Jan. 20	Feb. 10	SCHOONOORD	P	Jan. 10	Feb. 1
MARECHAL NEIL	P-CF	Jan. 10	Feb. 1	TEAROSE	P	Jan. 10	Feb. 1
MR. VAN DER HOFF	P	Jan. 10	Feb. 1	TITIAN	P	Jan. 15	Feb. 10
MR. VAN TUBERGEN	P-CF	Dec. 25	Jan. 20	TOURNESOL	P	Jan. 5	Jan. 25
MURILLO	P	Jan. 10	Feb. 1	TRIUMPHATOR	P	Jan. 10	Feb. 1
ORANGE GLOBE	P-CF	Dec. 25	Jan. 20	VUURBAAK	P	Feb. 10	Mar. 5

\*These dates are approximate and in no way guaranteed.

P means suitable for pans. CF means suitable for cut flowers.

## MENDEL TULIPS

These respond well to early forcing. They are a relatively new race, the result of crossing Duc van Tholl varieties with Darwins. Some are very early, others almost as late as Darwins. Most varieties require only 3 weeks forcing time. The varieties listed here are all recommended for forcing. Complete forcing suggestions will be supplied upon request.

**BRIGHTLING**—Carmine red, shaded salmon. Very large flower on a strong stem, forcing well for mid-January.

**EARLY QUEEN**—Attractive satiny rose shaded lilac; a large well-formed flower on strong stem. Very fine for early forcing.

**FABIOLA**—Bright carmine-red flushed orange. Good sized flower on thin wiry stem. Early forcer.

**FRITJOF NANSEN**—Carmine red with blue center, very large flower.

**HILDEGARDE**—Bright deep scarlet. Extra fine early forcer for pans and cut flowers.

**KRELAGE'S TRIUMPH**—Deep glowing red. Strong stem, fairly tall. Good January forcer.

**MRS. E. H. KRELAGE**—Pure satiny rose pink.

**PINK GEM**—Bright pink, edged lighter. Large flower on strong stem, fairly tall. Forces extremely early.

**SCARLET ADMIRAL**—Deep vermillion red with black base. Very sturdy flower on strong stem, fairly tall. An outstanding variety for late January to mid-February forcing.

**SCARLET WONDER**—Very pleasing bright scarlet. Fine flower on good stem, fairly tall. Forces very early.

**VAN DER EERDEN**—Rosy red edged fiery scarlet. Tall grower, excellent forcer.

**WEBER**—Creamy-white edged rose-pink. Large and very strong tall flower on excellent tall stem. Splendid for end of January forcing.

**ZENOBER**—Deep cochineal red. Medium-sized flower on strong wiry stem; medium-early forcer, good for pans.

## MENDEL TULIPS FORCING DATES

VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date	VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date
BRIGHTLING	P-CF	Dec. 20	Jan. 15	PINK GEM	P-CF	Dec. 1	Dec. 22
EARLY QUEEN	P-CF	Jan. 10	Feb. 1	SCARLET ADMIRAL	P-CF	Jan. 1	Jan. 25
FABIOLA	P-CF	Jan. 10	Feb. 1	SCARLET WONDER	P-CF	Dec. 30	Jan. 20
FRITJOF NANSEN	P-CF	Jan. 10	Feb. 1	VAN DER EERDEN	P-CF	Jan. 1	Jan. 25
HILDEGARDE	P-CF	Dec. 30	Jan. 20	WEBER	P-CF	Jan. 10	Feb. 1
KRELAGE'S TRIUMPH	P-CF	Jan. 1	Jan. 25	ZENOBER	P-CF	Jan. 20	Feb. 10
MRS. E. H. KRELAGE	P-CF	Dec. 30	Jan. 20				

\*These dates are approximate and in no way guaranteed.

P means suitable for pans. CF means suitable for cut flowers.

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## TRIUMPH TULIPS

Triumphs are the result of crossing Early Tulips with Darwins and are characterized by large flowers, strong stems and heavy foliage. For outdoors, they fill in midway in flowering time between the early and late flowering Tulips. Many have proved excellent forcers. They force in 3 - 4 weeks.

The varieties preceded with F are recommended for forcing under glass. Complete forcing suggestions will be supplied upon request. The approximate height is indicated in inches after the description.

- |  |   |
|--|---|
| <p>F <b>ALBERIO</b>—Deep rosy crimson, flushed orange at edges. Very large flower on tall strong stem. Forces medium-early. 22"</p> <p>F <b>ALGIBA</b>—Rosy heliotrope shaded lilac at margin. 18"</p> <p>F <b>AVIATOR</b>—Shining carmine red with white edge and white center. Strong stem of medium length. Fine for bedding and mid-February forcing. 22"</p> <p>F <b>CRATER</b>—Deep carmine-red, darker toward the base. Large flower of gorgeous color resembling that of Couleur Cardinal. Excellent for forcing and bedding. 22"</p> <p>F <b>CROWN IMPERIAL</b>—Scarlet red with golden yellow feathered edge, yellow base. Excellent pan variety; early but also good for Easter pans. 18"</p> <p>F <b>CORNEFORUS</b>—Brilliant carmine red with white base. Cane-like stems. Excellent for early forcing but also good for Easter pans, and a fine bedder as well. 22"</p> <p>F <b>DENBOLA</b>—Carmine red with white margin. Fine flower on strong stem. 20"</p> <p>F <b>ELIZABETH EVERS</b>—Deep bright carmine rose, feathered silvery white. Enormous flower of fine form and substance. Fine for medium-early forcing. 22"</p> | <p>F <b>KANSAS</b>—Pure snow-white, with yellowish base, ivory stamen. Good form and substance, excellent forcer. 20"</p> <p>F <b>LORD CARNARVON</b>—Bright fuchsia rose shaded white, with white edge. Good forcer and bedder.</p> <p>F <b>MR. ZIMMERMAN</b>—Carmine rose with large white base and yellow center. Large cup-shaped flower on tall strong stem. 20"</p> <p>F <b>PRESIDENT VON HINDENBURG</b>—Deep red with yellow edge. Large tall flower of fine form. 22"</p> <p><b>RIJNLAND</b>—Bright crimson with broad yellow border. Large well-formed flower on strong stem. 22"</p> <p>F <b>SAGITTARIUS</b>—White with very slight pink shading toward tips of petals. Fine large flower. Suitable for February forcing.</p> <p>F <b>TELESCOPIUM</b>—Bright violet, tinted magenta. Fine flower of great substance on tall strong stem. Excellent February forcer. 22"</p> <p>F <b>URSA MINOR</b>—Bright canary yellow. Large globular flower on strong stem of medium height. Good for forcing or bedding. 18"</p> |
|--|---|

MIXED TRIUMPH TULIPS—All colors mixed.

### TRIUMPH TULIPS FORCING DATES

TRIUMPH TULIPS				TRIUMPH TULIPS			
VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date	VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date
ALBERIO	P	Jan. 18	Feb. 15	KANSAS	P-CF	Jan. 18	Feb. 15
ALGIBA	CF	Jan. 18	Feb. 15	LORD CARNARVON	P-CF	Jan. 15	Feb. 10
AVIATOR	P	Jan. 18	Feb. 15	MR. ZIMMERMAN	CF	Feb. 25	Mar. 25
CORNEFORUS	P-CF	Jan. 15	Feb. 10	PRESIDENT VON HINDENBURG	P-CF	Jan. 15	Feb. 10
CRATER	P-CF	Jan. 15	Feb. 10	SAGITTARIUS	CF	Jan. 15	Feb. 10
CROWN IMPERIAL	P-CF	Jan. 10	Feb. 5	TELESCOPIUM	P-CF	Jan. 5	Feb. 1
DENBOLA	P-CF	Jan. 15	Feb. 10	URSA MINOR	P-CF	Jan. 15	Feb. 10
ELIZABETH EVERS	P-CF	Jan. 25	Feb. 20				

\*These dates are approximate and in no way guaranteed.

P means suitable for pans. CF means suitable for cut flowers.

### REMBRANDT TULIPS

Rembrandts are striped and blotched in a wide range of color harmonies and contrasts. They bloom outdoors with the Darwins and other late Tulips and are unique for bedding. They do not force early but some are excellent for cut flowers and cold frames.

- AMERICAN FLAG**—Deep red with broad white stripes. Very showy.
- APOLLO**—Rosy lilac and white with carmine markings.
- CARACALLA**—White flamed and feathered with carmine red.
- CORDELL HULL**—Blood-red, banded and feathered pure white. Good for Easter pans.

**RED PRINCE**—Bright red with white stripes and feathers. One of the best.

**SEMELE**—Vivid pink with white and carmine blotches.

**MIXED REMBRANDT TULIPS**—Mixed all colors.

### REMBRANDT TULIPS FORCING DATES

REMBRANDT TULIPS				REMBRANDT TULIPS			
VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date	VARIETY		*Earliest Date to Start Forcing	*Earliest Ready Date
APOLLO		Feb. 15	Mar. 15	RED PRINCE		Feb. 15	Mar. 15
CARACALLA		Feb. 15	Mar. 15	SEMELE		Feb. 15	Mar. 15
CORDELL HULL		Jan. 15	Feb. 25				

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## BIZARRE TULIPS

These bloom outdoors with the Darwins and other late Tulips. The flowers are beautifully striped and feathered with dark colors, mostly maroon and brown, on a yellow background.

**MIXED BIZARRE TULIPS**—Mixed all colors.

## BYBLOEMEN TULIPS

These also bloom with the Darwins. They are the "broken" Breeders and Cottages. The flowers are gorgeously feathered and flamed mostly with mauve or rose on a white background.

**MIXED BYBLOEMEN TULIPS**—Mixed all colors.

## DOUBLE LATE FLOWERING TULIPS

Bloom almost as late as the Darwins, Breeders, and Cottages, with taller stems than the Double-Earlies. The approximate height is indicated in inches after the description.

**ARA**—Scarlet, inner petals orange red, with narrow yellow edge. Large fully double flower. 16"

**BLEU CELESTE (Blue Flag)**—Bright mauve, shaded purple. Very large and beautiful flower. 18"

**COXA**—Carmine and vermillion red with narrow white border. Very large fully double flower. 22"

**EROS**—Old rose. An enormous flower resembling a pink Peony. 20"

**MOUNT TACOMA**—Pure white. Very large and fully double flower. 20"

**MIXED DOUBLE LATE FLOWERING TULIPS**—All colors.

## PARROT TULIPS (Dragon Tulips)

So-called because of the fancied resemblance of the opening flower to a parrot's or dragon's head. Flowers of artistic form, large, with lacinated petals twisted and feathered with green. We do not list the older, weak-stemmed varieties. The approximate height is indicated in inches after the description.

**BLUE PARROT**—Bright violet, flushed steel-blue, sport of Darwin Bleu Aimable. 26"

**FANTASY**—Beautiful salmon pink sport of Clara Butt. An outstanding and popular variety. 28"

**GADELAN**—Violet-mauve shaded purple, with white center. 22"

**GEMMA**—White, tinted rose, earlier than most other Parrots.

**LADY DERBY**—Lovely Lilac with a silvery edge. Flower of fine substance on tall strong stem. 28"

**MARCIA**—Purplish-violet. Large strong flower and an early bloomer. 16"

**RED CHAMPION**—Bright crimson, shaded rosy red. Sport of Darwin Bartigon. 25"

**SUNDEW (Crispa)**—Cardinal red with fringed edges. Medium sized flower. 28"

**SUNSHINE**—Bright golden yellow, sport of Cottage Bouton D'Or. 24"

**THERESE**—Bright scarlet sport of Darwin Farncombe Sanders, and equally dependable. 26"

**MIXED PARROT TULIPS**—Mixed all colors.

## BOTANICAL TULIPS

These Species Tulips flower in April except Kaufmanniana which is March flowering. They vary greatly in form and height. Splendid for rock-gardens. The approximate height is indicated in inches after the description.

**CLUSIANA (Little Lady Tulip)**—Pale cherry red with wide white margin, dark blue base. Strong wiry stem. Forces for mid-March. 12"

**EICHLERI**—Crimson scarlet with black base. Very brilliant and handsome. 10"

**FOSTERIANA**—Intense vermillion scarlet with black and yellow center. Very large flower of brilliant color. 15"

**FOSTERIANA RED EMPEROR**—Brilliant vermillion scarlet, with yellow-bordered large black base. Sensational enormous flower of great substance. Early bloomer. 20"

**KAUFMANNIANA**—Creamy white brilliantly marked carmine, with golden base. 6"

**PRAESTANS TUBERGEN'S VARIETY**—Large bright orange scarlet, two flowers on a stem. 10"

**SYLVESTRIS (Florentine Odorata)**—Dark yellow, small nodding flowers, fragrant. Excellent for naturalizing. 15"

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## HYACINTHS

The relative time of flowering of Hyacinths outdoors is indicated by the numerals in parenthesis immediately following the name of the variety, (1) being the earliest. When varieties are selected for bedding together it is well to select varieties with two consecutive numbers, to assure uniform blooming date.

See tabulation of approximate forcing dates which follows. We shall be glad to supply complete forcing instructions upon request.

**ARENTINE ARENDSSEN (1)**—Pure snowy-white, dense spike. Somewhat earlier than Innocence.

**BISMARCK (2)**—Lavender-blue; large broad flower, large bells. One of the best for early forcing.

**CITY OF HAARLEM (3)**—Bright golden yellow; fine large truss of good form.

**DR. LIEBER (2)**—Early lavender-blue; large long flower with closely set bells.

**DUKE OF WESTMINSTER (2)**—Deep velvet purplish blue bells with white center. Compact spike of fine color.

**GARIBALDI (1)**—Deep crimson red, large full spike. Very early. For earliest, use exhibition size.

**GERTRUDE (2)**—Early rose-pink, compact spike. Fine for pans.

**GRAND MAITRE (2)**—Deep lavender-blue; large spike. One of the best blues for both bedding and forcing.

**JAN BOS (1)**—Brilliant scarlet; medium spike; very early.

**KING OF THE BLUES (4)**—Indigo-blue; large spike; fine for bedding and late forcing.

**L'INNOCENCE (2)**—Pure white; fine large truss of medium height. Most satisfactory white for early forcing.

**LA GRANDESSE (4)**—Pure white; long strong spike of fine form.

**LA VICTOIRE (2)**—Bright deep-carmine-red. Well filled spike of medium height. Medium early, but also extra fine for Easter.

**LADY DERBY (2)**—Early light pink; large tall spike; large individual bells.

**MARCONI (3)**—Bright rose-pink, large fine spike. Fine variety for late.

**MR. DAMES (2)**—Early deep rose, large and tall spike.

**MYOSOTIS (3)**—Light porcelain-blue; one of the best light blues.

**ORANGE BOVEN (3)**—Apricot-orange; medium size flower of unusual and attractive color.

**PERLE BRILLIANT (2)**—Porcelain-blue, tinged deeper blue on outside of bells. Large compact truss. Splendid for bedding and forcing.

**PINK PEARL (2)**—Very early rose-pink; large and handsome spike. An outstanding new variety, for early or Easter.

**PRINCE HENRY (3)**—Pale primrose yellow; large tall spike. Early.

**QUEEN OF THE BLUES (4)**—Pale azure blue; large compact spike, large bells. For late forcing or bedding.

**QUEEN OF THE PINKS (4)**—Bright rose-pink, large long flower. Fine for bedding and late forcing.

**QUEEN OF THE WHITES (4)**—Pure white; large strong spike, many bells. Very good for late forcing.

**TUBERGEN'S (ROYAL) SCARLET (1)**—Fiery scarlet, striking color. Small flower, small bulb.

**YELLOW HAMMER (2)**—Soft yellow; large full spike; best yellow for early forcing.

## HYACINTH FORCING DATES

VARIETY	*Earliest Date to Start Forcing	*Earliest Ready Date
ARENTINE ARENDSSEN	Dec. 20	Jan. 10
BISMARCK	Dec. 24	Jan. 20
CITY OF HAARLEM	Jan. 15	Feb. 10
DR. LIEBER	Dec. 24	Jan. 20
DUKE OF WESTMINSTER	Jan. 1	Jan. 25
GARIBALDI	Dec. 24	Jan. 20
GERTRUDE	Jan. 1	Jan. 25
GRAND MAITRE	Jan. 1	Jan. 25
JAN BOS	Dec. 22	Jan. 15
KING OF THE BLUES	Jan. 15	Feb. 15
L'INNOCENCE	Dec. 24	Jan. 20
LA GRANDESSE	Jan. 15	Feb. 10
LA VICTOIRE	Jan. 1	Jan. 25

VARIETY	*Earliest Date to Start Forcing	*Earliest Ready Date
LADY DERBY	Dec. 24	Jan. 20
MARCONI	Jan. 5	Feb. 1
MR. DAMES	Dec. 24	Jan. 20
MYOSOTIS	Jan. 1	Jan. 25
ORANGE BOVEN	Jan. 7	Feb. 1
PERLE BRILLIANT	Jan. 1	Jan. 25
PINK PEARL	Dec. 24	Jan. 20
PRINCE HENRY	Jan. 7	Feb. 1
QUEEN OF THE BLUES	Jan. 15	Feb. 10
QUEEN OF THE PINKS	Jan. 15	Feb. 10
QUEEN OF THE WHITES	Jan. 15	Feb. 10
TUBERGEN'S (ROYAL) SCARLET	Dec. 5	Dec. 25
YELLOW HAMMER	Dec. 30	Jan. 25

\*These dates are approximate and in no way guaranteed.

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## PREPARED HYACINTH FOR EARLY FORCING

These bulbs are specially prepared for early forcing and may be had in bloom two to three weeks before the regular Hyacinths. While sometimes sold as Christmas Hyacinths we prefer offering them as early January Hyacinths as the weather here in the United States is often quite warm during the shipping season and this tends to retard them. While we have indicated that other varieties can usually be forced for Christmas, the safest varieties for Christmas are HERALD, NIMROD, TUBERGEN'S SCARLET, and VICTOR EMANUEL.

See tabulation of approximate forcing dates which follows. We shall be glad to supply complete forcing instructions upon request. For detailed descriptions of varieties see under HYACINTHS above.

**ARENTINE ARENSEN**—Pure white.  
**BISMARCK**—Sky blue.  
**DR. LIEBER**—Lavender blue.  
**GARIBALDI**—Crimson red.  
**GERTRUDE**—Rose pink.

**HERALD**—Light pink.  
**IMPERATOR**—Deep rose pink.  
**LADY DERBY**—Light pink.  
**L'INNOCENCE**—Pure white.  
**NIMROD**—Light pink.

**TUBERGEN'S SCARLET**—Deep scarlet.  
**SCHOTEL**—Light blue.  
**VICTOR EMANUEL**—Reddish rose.  
**YELLOW HAMMER**—Yellow.

## PREPARED HYACINTH FORCING DATES

VARIETY	*Earliest Date to Start Forcing	*Earliest Ready Date	VARIETY	*Earliest Date to Start Forcing	*Earliest Ready Date
<b>ARENTINE ARENSEN</b>	Dec. 1	Jan. 1	<b>LADY DERBY</b>	Dec. 12	Jan. 1
<b>BISMARCK</b>	Dec. 1	Dec. 25	<b>L'INNOCENCE</b>	Dec. 3-6	Dec. 25
<b>DR. LIEBER</b>	Dec. 1	Jan. 1	<b>NIMROD</b>	Nov. 20	Dec. 15
<b>GARIBALDI</b>	Dec. 10	Jan. 1	<b>TUBERGEN'S SCARLET</b>	Dec. 1	Dec. 25
<b>GERTRUDE</b>	Dec. 12	Jan. 5	<b>SCHOTEL</b>	Dec. 10	Jan. 1
<b>HERALD</b>	Dec. 1	Dec. 25	<b>VICTOR EMANUEL</b>	Dec. 3	Dec. 25
<b>IMPERATOR</b>	Dec. 4-6	Dec. 25	<b>YELLOW HAMMER</b>	Dec. 15	Jan. 1

\*These dates are approximate and in no way guaranteed.



## NARCISSI (DAFFODILS)

**ABUNDANCE (Poetaz)**—Primrose yellow perianth with deep yellow cup. Excellent early cutflower.

**ACTAEA (Poeticus)**—Broad snow white perianth of great substance, overlapping and flat. Large yellow eye broadly margined dark red. Largest Poeticus in existence.

**ALBO PLENO ODORATA (Double)**—Snow-white flowers resembling Gardenias, 2 to 3" across. Very late flowering.

**BATH'S FLAME (Barri)**—Large canary yellow perianth, deep yellow cup edged and flushed orange-scarlet. Tall strong grower.

**BEERSHEBA (White Trumpet)**—Large pure white trumpet of exceptionally fine form, with magnificent perfectly flat perianth, well formed nicely flanged trumpet. Excellent substance, and free-flowering.

**CHEERFULNESS (Double Poetaz)**—Double pure white perianth with cream white center petals. Fragrant, dainty and graceful.

**DANTE (Poeticus)**—White perianth with yellow eye, margined red.

**EAGLE (Poeticus)**—Very large flowering; broad wide snow white perianth of fine form with canary yellow eye deeply edged orange scarlet. Extra fine for forcing.

**EARLY PERFECTION (Poetaz)**—White perianth of good substance, canary yellow cup. Large flowers produced closely together. Extremely early and fine for cutflowers.

**GERANIUM (Poetaz)**—Pure white perianth with cup of deep orange-red. Strong stem, one of the best Poetaz.

**GLORY OF SASSENHEIM (Bicolor Trumpet)**—Cream white perianth with large deep canary yellow trumpet, well reflexed. Strong grower, early.

**GOLDEN HARVEST (Yellow Trumpet)**—Magnificent, perfectly formed clear yellow perianth, well overlapping, with deep golden yellow trumpet. Very large flower of good form, very early.

**HALVOSE (Poetaz)**—Primrose perianth, flushed orange; deep orange-scarlet cup. Flowers abundantly.

**HELIOS (Incom)**—Broad overlapping chrome yellow perianth with large cup of orange yellow turning pure orange after open a few days. Very early and free-flowering.

**JOHN EVELYN (Incom)**—Broad overlapping ivory white perianth, large flattish cup of apricot suffused orange, exquisitely frilled and fluted.

**KING ALFRED (Yellow Trumpet)**—The standard forcing Daffodil in the United States. Clear golden yellow throughout, the perianth well overlapping, the trumpet attractively reflexed.

**LAURENS KOSTER (Poetaz)**—White perianth with deep yellow cup. Long stemmed and free-flowering, fine early forcer.

**L'INNOCENCE (Poetaz)**—Large flowered pure white perianth with soft yellow cup.

**MINISTER TALMA (Yellow Trumpet)**—Uniform golden yellow throughout, a free-flowering and strong growing variety of great merit for early forcing.

**MRS. E. H. KRELAGE (White Trumpet)**—Best commercial white trumpet. White perianth and ivory-white trumpet. Good sized flower of fine form on strong stem.

**MRS. R. O. BACKHOUSE (White Trumpet)**—"The Pink Daffodil"—Ivory white perianth with long narrow trumpet tinted pink, the edge apricot and deeply fringed. An outstanding variety.

**ORANGE CUP (Poetaz)**—Primrose yellow perianth with vivid orange cup.

**ORANGE GLOW (Incom)**—Large broad flat yellow perianth with widely expanded cup of deep orange, beautifully frilled. Very early and a good forcer.

**ST. AGNES (Poetaz)**—Very round pure white perianth with bright red cup. An outstanding poetaz, tall vigorous grower and a good early forcer.

**SCARLET GEM (Poetaz)**—Perianth deep golden-yellow; cup brilliant scarlet, medium size. Strong stem; a splendid Poetaz.

**SIR HENRY DETERDING (Bicolor Trumpet)**—Large free-flowering bicolor. Perianth cream-white, trumpet deep yellow.

**SIR WATKINS (Incom)**—Sulphur yellow with yellow cup.

**SPRING GLORY (Bicolor Trumpet)**—Large ivory white perianth with deep golden yellow trumpet. Long stemmed, one of the earliest bicolors.

**THE FIRST (Yellow Trumpet)**—Perianth pale yellow, trumpet yellow. Free flowering, very early.

**TWINK (Double)**—Large fully double flower on excellent stem. Primrose perianth with conspicuous vivid orange segments. Forces very early.

**VICTORIA (Bicolor Trumpet)**—Ivory perianth of good form, canary yellow trumpet. Medium sized flower of good form and texture.

**VON SION (Double)**—Well known double golden yellow Daffodil. Very early forcer.

## DAFFODIL FORCING DATES

VARIETY	*Earliest Date to Start Forcing	*Earliest Ready Date
ABUNDANCE	Jan. 20	Jan. 30
ACTAEA	Jan. 20	Feb. 10
BATH FLAME	Dec. 30	Jan. 16
BEERSHEBA	Jan. 10	Feb. 10
CHEERFULNESS	Jan. 25	Feb. 20
DANTE	Jan. 25	Feb. 15
EAGLE	Jan. 20	Feb. 10
GERANIUM	Jan. 10	Feb. 5
GLORY OF SASSENHEIM	Jan. 3	Jan. 24
HALVOSE	Jan. 20	Feb. 10
HELIOS	Dec. 20	Jan. 10
JOHN EVELYN	Jan. 20	Feb. 10
KING ALFRED	Dec. 20	Jan. 10
LAURENS KOSTER	Jan. 15	Jan. 29

VARIETY	*Earliest Date to Start Forcing	*Earliest Ready Date
L'INNOCENCE	Jan. 5	Feb. 5
MINISTER TALMA	Dec. 15	Jan. 5
MRS. E. H. KRELAGE	Jan. 20	Feb. 10
ORANGE CUP	Jan. 10	Jan. 31
ST. AGNES	Jan. 1	Jan. 15
SCARLET GEM	Jan. 15	Feb. 10
SIR HENRY DETERDING	Jan. 15	Feb. 15
SIR WATKINS	Jan. 10	Jan. 31
SPRING GLORY	Jan. 3	Jan. 24
THE FIRST	Dec. 15	Jan. 5
TWINK	Jan. 15	Feb. 10
VICTORIA	Jan. 15	Feb. 5
VON SION	Jan. 3	Jan. 24

\*These dates are approximate and in no way guaranteed.

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## CROCUS—SPRING FLOWERING

### BLUES AND PURPLES

**ALBION**—Dark purple, extra fine.  
**AMETHYST**—Amethyst blue, very early.  
**BARON VON BRUNOW**—Deep bluish purple.  
**EARLY PERFECTION**—Dark lilac, large flowers, very early.  
**ENCHANTRESS**—Early large bright porcelain-blue.  
**GRAND LILAC**—Soft lilac, large.  
**JUBILEE**—Brilliant bluish lilac.  
**JULIA CULP**—Large purple with lighter margin.  
**KING OF THE BLUES**—Large purple.  
**MASTERPIECE**—Large lilac, shaded purple.  
**MAXIMILIAN (DOROTHEA)**—Large sky blue. Small bulb.  
**PURPUREA GRANDIFLORA**—Large deep glossy purple.  
**QUEEN OF THE BLUES**—Large bright lilac blue.  
**REMEMBRANCE**—Extra fine large purplish blue.  
**THE BISHOP**—Dark purplish blue.  
**ZULU**—Blackish blue.

### WHITES

**KATHLEEN PARLOW**—Best pure white; orange anthers; excellent, very large.  
**MONTBLANC**—Pure white.  
**QUEEN (KING) OF THE WHITES**—Large pure white.  
**SNOWSTORM**—Large white with orange anthers.

### STRIPED

**ALBION**—Violet striped.  
**MIKADO**—Silvery lilac, inside striped mauve.  
**SIR WALTER SCOTT**—White, striped violet, free-flowering.  
**STRIPED BEAUTY**—Extra fine large white-striped lilac.

### YELLOW

**MAMMOTH GOLDEN YELLOW**—Excellent golden yellow. Large corns will produce 10 or more flowers.

## CROCUS—AUTUMN FLOWERING (See also Colchicum)

Hardy Autumn-flowering varieties. When planted outdoors in August, will bloom September-October.

**ZONATUS**—Most popular of the Fall flowering Croci. Rosy lilac with yellow anthers.

**SPECIOSUS**—Violet-blue; orange anthers.

**SATIVUS (Saffron Crocus)**—Purplish-lilac; blood-red anthers.

## FREESIAS

California grown, clean, well-graded stock. Most retailers find them invaluable. Forcing suggestions on request.

**ACHIEVEMENT**—Excellent dark golden yellow blotched dark orange.

**APOTHEOSE**—Carmine pink.

**BLANCHE BLUE**—Deep bluish lavender. Each flower on tall stem. Very early.

**BLONDIES**—Blend of platinum to gold. Very early, large flowers, strong grower.

**ELDER'S GIANT WHITE**—Huge white, strong stems. Late.

**ELDER'S RED**—Giant brick red.

**ELDER'S DOUBLE WHITE**—Large glistening, double white, Gardenia-like flowers with long wiry stem. Very early.

**ELDER'S GOLDEN GIANT**—New introduction; golden yellow; very fine open flowered variety on tall erect stems. Late flowering but has unusual ability to resist the bright sun of late Winter that so often ruins most varieties.

**FLO**—Finest deep blue. Large open flowers.

**GOLDEN DAFFODIL**—Giant golden yellow.

**GOLDEN TREASURE**—Yellow, with trace of lavender.

**GOLDEN WONDER**—Clear yellow with orange marks on lower petals.

**JUDY (ELDER'S DOUBLE YELLOW)**—Glowing yellow, fragrant flowers on stiff rigid stems; medium height. Large flowers borne in a dense head.

**MARIE LOUISE FISHER**—Excellent rich lavender blue.

**ORCHIDEA**—Soft pearly mauve with yellow throat. Large open flowers.

**ORIOLE**—Fine deep golden orange.

**PURITY IMPROVED**—Early forcing white.

**RAINBOW MIXED**—All colors, no white.

**ROSE SUPREME**—Solid rose, large; opens well.

**ROSY MORN**—Rosy pink.

**SCHROEDER'S WHITE PERFECTION**—New large white.

**SUNSET**—Golden yellow, tinted orange, strong stems.

**WHITE CHIEF**—Late pure white.

## NEW FREESIA TECOLOTE HYBRIDS

The most striking characteristics of this new strain are the immense size of the flowers, and unusual strength and vigor of the plants. Wide open flowers of great substance, individual blooms measuring more than two and one-half inches in diameter are not uncommon. Delightfully fragrant. The stiff heavy stems average from twenty-four to thirty inches in length with many side branches, a great advantage to retail growers who can use the individual flowers as required.

**PURE WHITE  
BLUE**

**LIGHT YELLOW  
ROSE**

**LAVENDER  
BRIGHT RED**

**PINK  
PURPLE**

**MIXED**

**TALISMAN**—Early bright orange pink with cream throat. **MARIE**—Very early pure white. Immense wide open flowers of great substance.

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## LILIES

**ALBUM** (Holland Grown)—Hardy Speciosum Album, white with yellow anthers, recurved petals. Arrive October or November. For forcing, we hold in cold-storage and ship January and later. When potted in January they bloom in June. Outdoors, may be planted in Spring, blooming in August-September. Or, when arrival is sufficiently early, may be planted in Fall. Stem-rooting. Ht. 3-4 ft.

18/20 ctm.	22/24 ctm.
20/22 ctm.	24 ctm./up

**CANDIDUM** (Northern French Grown)—Madonna Lily. June-blooming pure white fragrant flowers. Ht. 4-5 ft. Base-rooting, prefers shallow planting not over 2" deep. Northern-grown bulbs are firmer and more resistant to disease, and are best for forcing purposes. Arrive September.

18/20 ctm. circ.	24/26 ctm. circ.
20/22 ctm. circ.	26/28 ctm. circ.
22/24 ctm. circ.	28/30 ctm. circ.

**CANDIDUM** (Southern French Grown)—Lower in price than the Northern grown and satisfactory for most purposes.

**CREOLE** (Louisiana Grown)—Certified stock, free of mosaic. A greatly improved forcing Lily that will give all-round satisfaction. Proper care is taken to insure digging at maturity and prompt transference to cold-storage at the correct temperature. They force easily for Easter. Also fine for later blooming for which purpose we can ship from cold-storage from January to April.

6/7" circ.	9/10" circ.
7/8" circ.	10" - up circ.
8/9" circ.	

**CROFT**—Acknowledged the best Easter pot Lily. Dwarf habit, more floriferous than other varieties. Wide open bell-shaped flowers of good substance. Excellent clean, dark green foliage extending out from the stalk nearly as far as the foliage. Ours are from accredited members of the producers association.

7/8" circ.	9/10" circ.
8/9" circ.	10/11" circ.

**FLORIDII**—Selected Florida grown stock. An excellent strain for all-round use equally good for cut-flowers or pots.

6/7" circ.	9/10" circ.
7/8" circ.	10" - up circ.
8/9" circ.	

**HANSONII** (Holland Grown)—Orange-yellow flowers spotted brown, petals reflexed, of great substance. June-blooming. Stem-rooting, plant deep. Ht. 4-5 ft.

Top Size	First Size
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**HARRISSI** (Bermuda Grown)—Fine quality imported stock. Clean, well-graded bulbs from the foremost Bermuda growers. Arrive August.

6/7" circ.—335 per case	8/10" circ.—150 per case
7/9" circ.—200 per case	9/11" circ.—100 per case

**HENRYII** (Holland Grown)—Hardy; light orange with raised brown spots, in form resembling the Speciosum type. Arrive October-November. Stem-rooting, plant deep. Blooms July-August. Ht. 5-6 ft. May be planted in Fall if arrive sufficiently early, otherwise we hold in cold-storage for Spring shipment. Well graded solid bulbs, with roots intact.

18/20 ctm. circ.	22/up ctm. circ.
20/22 ctm. circ.	

**HOWARDII** (Bermuda Grown)—Blooms 4-6 weeks earlier than Harrissi. Can also be held for late planting to bloom for Easter. Clean well-graded bulbs from the foremost Bermuda grower.

6/7" circ.—335 per case	8/10" circ.—150 per case
7/9" circ.—200 per case	9/11" circ.—100 per case

**MARTAGON** (Imported)—Turk's Cap Lily. Light purple flowers with dark spots, 20 to 30 flowers on a stalk. Very strong vigorous grower. Base-rooting, plant 4" deep. Blooms June. Ht. 4-5 ft.

Top Size	First Size
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**PHILIPINESE FORMOSANUM**—Long, trumpet-shaped flowers, white with brownish green markings on outside.

**FALL FLOWERING TYPE**

10/12 ctm. circ.	14/16 ctm. circ.
12/14 ctm. circ.	16 ctm./up circ.

**SUMMER FLOWERING TYPE**

10/12 ctm. circ.	14/16 ctm. circ.
12/14 ctm. circ.	16 ctm./up circ.

**REGAL**—Large trumpet-shaped flowers, white with rose markings outside, yellow throat and anthers. Healthy Northern grown stock, strong, clean, and well-graded. Not to be compared with soft-loose-scaled Southern grown bulbs.

5/6" circ.	9/10" circ.
6/7" circ.	10/11" circ.
7/8" circ.	11/12" circ.
8/9" circ.	12"/up circ.

**RUBRUM** (Holland Grown)—Speciosum Rubrum, soft pink, spotted carmine. Recurved petals. Arrive October-November. For forcing we hold in cold-storage and ship January and later. When potted in January they bloom in June. Outdoors may be planted in Spring, blooming August-September. Or, when arrival is sufficiently early, may be planted in Fall. Stem-rooting. Ht. 4-5 ft.

18/20 ctm. circ.	22/24 ctm. circ.
20/22 ctm. circ.	24 ctm./up circ.

**TENUIFOLIUM**—The "Coral Lily." Bright waxy scarlet, with sharply recurved petals. Narrow grass-like foliage, wiry stems. Excellent for rock-garden use. Can be forced to bloom from April onward. Outdoors blooms June. Ht. 18-24 in. Stem-rooting, plant 6" deep.

8/10 ctm.	12 ctm./up
10/12 ctm.	

**GOLDEN GLEAM**—The yellow form of Tenuifolium.

8/10 ctm.	12 ctm./up
10/12 ctm.	

**TIGRINUM SPLENDENS** (Holland Grown)—Well known Tiger Lily, bright orange with purplish-black spots, reflexed petals. Blooms outdoors September. Ht. 4-5 ft. Stem-rooting. Plant 9" deep.

14/16 ctm. circ.	18/20 ctm. circ.
16/18 ctm. circ.	20/22 ctm. circ.

**TIGRINUM FLORE PLENO** (Holland-Grown)—Double Tiger. Top Size First Size

**UMBELLATUM** (Holland Grown)—Light orange to deep red with black spots. Flowers carried in upright umbels. June-blooming. Ht. 2-2½ ft. Stem-rooting. Plant 8" deep.

14/16 ctm. circ.	18/20 ctm. circ.
16/18 ctm. circ.	20/22 ctm. circ.

**LILY SIZES ARE BY CIRCUMFERENCE. APPROXIMATE EQUIVALENT OF CENTIMETER SIZE IS AS FOLLOWS:**

8-10 ctm.=3.2-4.0 in.	14-16 ctm.=5.6-6.4 in.	20-22 ctm.=8.0-8.8 in.	26-28 ctm.=10.4-11.2 in.
10-12 ctm.=4.0-4.8 in.	16-18 ctm.=6.4-7.2 in.	22-24 ctm.=8.8-9.6 in.	28-30 ctm.=11.2-12.0 in.
12-14 ctm.=4.8-5.6 in.	18-20 ctm.=7.2-8.0 in.	24-26 ctm.=9.6-10.4 in.	30-32 ctm.=12.0-12.8 in.

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## ALLIUM

Flowers carried in globular tufts on bare stems about 10" tall. Excellent for rock gardens and borders, very hardy. Tulip-like foliage. Blooms outdoors May-June.

**Neopolitanum**—White.

## AMARYLLIS

The flowers of the English strain are more boldly recurved and broader and larger than the somewhat tubular shaped flowers of the regular hybrids.

### GIANT AMERICAN HYBRIDS

$2\frac{1}{4}$ " -  $2\frac{1}{2}$ " diam.       $2\frac{3}{4}$ " - 3" diam.  
 $2\frac{1}{2}$ " -  $2\frac{3}{4}$ " diam.      3" - up diam.

### ENGLISH STRAIN (California Grown)

$3\frac{1}{4}$ " Hybrids      Red  $2\frac{1}{2}$ " - up  
 $3\frac{1}{2}$ " Hybrids      White  $2\frac{1}{2}$ " - up

## ANEMONES

We guarantee our Anemones and Ranunculus to be selected from new crops. It has been the habit of some growers to dispose of surplus bulbs in the following year. We can assure our customers such is not the case with bulbs shipped by us.

### SINGLES

<b>De Caen</b> —Mixed		
Jumbo	No. 1	No. 2
<b>Blue Poppy</b> —Bright Blue		
Jumbo	No. 1	No. 2
<b>His Excellency</b> —Scarlet		
Jumbo	No. 1	No. 2
<b>The Bride</b> —White		
Jumbo	No. 1	No. 2

### DOUBLES

<b>St. Brigid</b> —Mixed		
Jumbo	No. 1	No. 2

## BABIANA

Colors running from rich wine-red and purple to deep blue. Grow same as Freesias. Should not be planted outdoors except in climates free of frost. Height 10".

Azure Blue  $\frac{1}{2}$ " - up diam.  
Pure White  $\frac{1}{2}$ " - up diam.  
Mixed Colors  $\frac{1}{2}$ " - up diam.

## BABY GLADIOLI

These beautiful early flowering varieties are invaluable for early planting in pots, flats, or benches, for winter forcing. Can be forced into bloom from the end of March to May. They last a long time in water, opening up to the terminal flower on the spike.

**PEACH BLOSSOM**—Delicate rosy blush blotched pale rose and cream.

**PINK PERFECTION**—Soft pink.

**SPITFIRE**—Brilliant reddish salmon.

**CARDINAL**—Cardinal red.

**TRISTIS HYBRIDS**—An improvement on Tristis Concolor. Earlier, larger blooms, many nearly white. Height 15" - 36".

## BEGONIAS, TUBEROUS ROOTED

Delivery January onward. We are the largest importers in the United States. It is best to place orders now rather than await the Spring season.

## BEGONIAS, TUBEROUS ROOTED—Continued

The following in size:

$1\frac{1}{4}$ " -  $1\frac{1}{2}$ " diam.       $1\frac{1}{2}$ " - 2" diam.      2" - up diam.

**SINGLE GIANTS** — White, Yellow, Pink, Red, Scarlet, Orange, Salmon.

**CRISPA** (Single Frilled)—White, Yellow, Pink, Red, Scarlet, Orange, Salmon.

**DOUBLE** (Camellia Shaped)—White, Yellow, Pink, Red, Scarlet, Orange, Salmon.

**FIMBRIATA** (Double Frilled, Carnation Shaped)—White, Yellow, Pink, Red, Scarlet, Orange, Salmon.

**CRISTATA** (Crested Singles)—White, Yellow, Pink, Red, Scarlet, Orange, Salmon.

**MULTIFLORA BEGONIAS** (Liliput or miniature Begonia). Produce abundant masses of small flowers.

The following in size 1" to 2" diam.:

**HELENE HARMS**—Double Yellow.

**MME. GALLE**—Double Copper.

**FLAMBOYANT**—Double Scarlet.

## BLEEDING HEARTS

Used extensively as an early Spring pot plant. Fine for Valentine's Day. Blooms outdoors in Summer. Hardy.

Heavy Clumps

## CALADIUMS, FANCY LEAF

Few pot plants for Easter, Mother's Day and Decoration Day afford such a radiant display of colors. The heart shaped leaves are richly veined and striped. When planted in partly shaded beds outdoors in the Spring they send up their gaily colored leaves all Summer.

**ACE OF HEARTS**—Deep rose center with heavy scarlet ribs and green border.

**CANDIDUM**—White with green veins. Narrow green border. Fine Easter variety.

**CRIMSON WAVE**—Large deep green leaves with crinkled transparent center of crimson, and many crimson spots toward edges.

**DR. M. COOK**—Dark moss green with plum red center, spotted deep red. Frilled leaf.

**HORTILANIA**—Considered the best red. Shining crimson with bluish units.

**ITACAPUS**—Entire leaf dark red of a rust shade; narrow border with red dottings. One of the most beautiful Caladiums in existence. Known also as JOHN HACHMEISTER.

**JOHN PEED** — Deep blood red, large center; pea green border.

**LORD DERBY**—Transparent rose with dark green ribs and narrow green edge. Very popular.

**MME. TRUALL**—Fine dwarf shining red leaf with bronzy hues; broad center ribs of darker shade.

**MRS. W. B. HALDEMAN**—Beautiful transparent rose leaf, pea green veins.

**MRS. SANDERS**—Dark green leaf heavily blotched transparent deep rose.

**POECILE ANGLAIS**—Transparent deep crimson center, bluish tint bordered metallic green. Dwarf growing, one of the best.

**SCARLET PIMPERNELLE**—Straw colored leaf with large scarlet center. Devoid of ribs or veins.

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### CALADIUMS, FANCY LEAF—Continued

**SOROCABA**—Transparent pinkish white; veined green later.

**THOMAS TOMLINSON** — Bright crimson center and blotches; narrow green edge. Makes many leaves.

**TRIUMPH DE L'EXPOSITION**—Rounded leaf, bright green with dark green edge and crimson center.

### CALLAS

**CALLA AETHIOPICA**—Large, tall growing white. Shipment September to March. Clean, sound, up-to-size stock.

1½" - 1¾" diam. 2" - up diam.

1¾" - 2" diam. 2½" - up diam.

**CALLA GODFREY**—Short white.

Top Size First Size

**CALLA ALBA MACULATA** — White with spotted leaf.

Same habits as Elliottiana. Shipment November to May.

1¾" - 2" diam. 2" - 2½" diam.

**CALLA ELLIOTTIANA**—Golden yellow. Shipment November to May. High crowned, heavy stock.

2" - 2½" diam. 3" - up diam.

2½" - 3" diam. 3½" - up diam.

**NEW CALLA REHMANII SUPERBA**—Pink.

Top Size First Size

**CALLA ARUM PICTUM** (Black Calla).

Top Size

### CAMASSIA (Camas Lily)

Hardy, June blooming bulbs producing spikes 2' to 4' with lavender-blue, star shaped flowers, about 1½" across.

Top Size First Size

### CHIONODOXA (Glory of the Snow)

Hardy early Spring flowering bulbs specially suited to rock garden use. They multiply readily and are ideal for naturalizing.

**GIGANTEA**—Large flowers of soft lavender blue. 5" tall.

**LUCILIAE**—Clear brilliant blue with pure white center. 4" tall.

**LUCILIAE ALBA**—Large pure white. 4" tall.

**LUCILIAE ROSEA**—Very fine light pink. 4" tall.

**SARDENSIS**—Intense gentian blue with white center, blooms 10 days earlier than Luciliae. 4" tall.

### COLCHICUM (Autumn-Crocus)

(See also Crocus—Autumn-Flowering)

**AUTUMNALE MAJOR**—Rosy purple, larger bulb than Autumnale. Top Size, shipment August-September.

### ERANTHUS (Winter Aconite)

One of the earliest Spring flowers, sometimes blooming as early as January in mild spells. Bright Buttercup shaped flowers, low-growing. Prefer partially shaded locations.

**HYEMALIS**—Golden yellow, common 'Winter Aconite.

### EREMURUS (Foxtail Lily)

Hardy tall growing spikes, thickly covered with masses of small florets, the flowering part of the spike 2 to 3 ft. long.

**HIMALAICUS**—Creamy white, blooms May-June. 6-8 ft.

**BUNGEI**—Handsome deep golden yellow. Blooms June-July. 4 ft.

**SHELFORD HYBRIDS**—Mixture of shades of yellow, salmon, pink and bronze. Bloom June-July.

### FRITILLARIA

Bloom in April. The tall growing varieties (Imperialis) grow to 36" and are the tallest April blooming flower, with strong stems surmounted with a cluster of large drooping bells surrounded by a crown of green foliage. The dwarf varieties (Meleagris) look well naturalized along woodland paths or in border plantings, and naturalized in grass. They grow 12"-18" tall with drooping flowers, some beautifully chequered with purple on yellowish white background.

**IMPERIALIS, MIXED**—Mixed "Crown Imperials."

**IMPERIALIS AURORA**—Orange red.

**IMPERIALIS LUTEA**—Large bright yellow.

**IMPERIALIS ORANGE BRILLIANT** — Very tall brownish orange.

**IMPERIALIS RUBRA MAXIMA**—Giant orange red.

**MELEAGRIS MIXED**—Checked Lily. Mixed colors.

**MELEAGRIS ALBA**—Pure white.

**MELEAGRIS APHRODITE**—Improved pure white, tall strong grower.

### GALANTHUS (Snowdrops)

Ideal rock garden subjects and excellent under hedges, in borders or along the walk. Early Spring flowering, small nodding blossoms on delicate stems. Naturalize well.

**NIVALIS SINGLE**—Extremely hardy and free flowering.

**NIVALIS FLORA PLENO**—Double Snowdrops.

### GLOXINIAS

Delivery January onward. It is best to place orders now rather than await the Spring season.

The following in sizes:

2" - up diam. 1½" - 2" diam. 1" - 1½" diam.

**BLANCHE DE MERU**—White with pink border.

**EMPEROR FREDERICK**—Upright flowers, red with white border.

**EMPEROR WILLIAM** — Upright flowers, blue with white border.

**ETOILE DE FEU (Star of Fire)**—Brilliant scarlet.

**MONT BLANC**—Pure white.

**PRINCE ALBERT**—Dark violet blue.

**PRINCESS ELIZABETH**—Blue with white throat.

**QUEEN WILHELMINA**—Purple and pink.

**ROI DES ROUGES (King of the Reds)**—Dark red.

**TIGRINA**—Spotted, mixture of colors.

**VIOLACEA**—Lilac blue.

### IRIS, BULBOUS

Choice Pacific Northwest grown throughout, except that in Wedgwood we offer both Pacific Northwest and Holland import stock. The former are earlier forcing than the imported stock and hence command a higher price. Relative blooming time is indicated by the number in parenthesis, (1) being the earliest.

**WEDGWOOD**—Standards blue, falls lighter blue with yellow blotch. (1)

**GOLDEN HARVEST**—Soft golden yellow, outstanding new variety. (3)

**HUCHTENBERG**—Standards delicate pale lilac, falls canary yellow with golden blotch. (4)

**IMPERATOR**—Standards bright navy-blue, merging to purple at center, falls azure-blue with golden blotch. Large flowering, popular for forcing later than 'Wedgwood. (6)

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### IRIS, BULBOUS—Continued

**JACOB DE WIT**—Standards rich purplish-blue, falls deep mid-blue with conspicuous orange blotch. (5)

**RETICULATA**—A miniature form of Dutch Iris that blooms for Christmas indoors. Excellent for rock-garden use outdoors, blooming earlier than *Crocus* with dwarf flowers. Rich violet color, very fragrant. (1)

**WHITE EXCELSIOR**—Standards pure-white, falls creamy-white with orange blotch. The most popular and dependable white forcer. (4)

### IXIAS (Corn Lilies)

South African natives producing slender grass-like foliage and thin wiry spikes with funnel-shaped star-shaped flowers. Spring-flowering, most satisfactory in warmer climates, must be thickly covered over Winter in colder locations. Winter flowering in the greenhouse.

**AFTERGLOW**—Apricot orange with dark center, very fine.

**BRIDESMAID**—White with carmine eye.

**CRATEROIDES MAJOR**—Early brilliant scarlet.

**KING OF THE YELLOWS**—Star-shaped yellow with purple eye, very fine.

**VULCAN**—Star-shaped crimson, tinted orange.

**MIXED**—Blend of all colors.

### LACHENALIA (Cape Cowslip)

Can be grown in flats or in pots for Christmas pot plants. Bloom in about 3 months. Culture as *Freesias*. Stems 8" - 12" tall bearing many pendulous tubular flowers. Broad foliage.

**AUREA**—Large golden yellow flowers.

**PENDULA SUPERBA**—Bright red.

### LEUCOCORYNE (Glory of the Sun)

Fragrant blue flowers on graceful wiry stems about 18" tall. Bulbs planted early Fall commence blooming late January and continue until April. Each bulb throws out 2 to 4 spikes. The flowers are long lasting. Culture as *Freesias*.

**IXIODES ODORATA**—Specially prepared for forcing.

### LEUCOJUM VERNUM (Spring Snowflake)

Hardy Spring-flowering bulbs blooming in April with pendant bell-shaped flowers of pure white, tipped green, 6-8" tall. True *Vernum*, grown on our own farm, not to be confused with *Aestivum*, which is Summer-blooming.

Top Size

First Size

### MERTENSIA VIRGINICA (Virginia Blue Bells)

Blooming from Daffodil-time to Tulip-time, this hardy herbaceous root is ideal for color effect. Porcelain blue flowers in pendant clusters on stems 1 to 2 ft. tall. Splendid for naturalizing between Daffodils.

Extra Large — 5 to 10 eye

First Size — 3 to 5 eye

### MUSCARI (Grape Hyacinths)

Hardy dwarf Spring flowering bulbs specially suitable for rock gardens, border edgings, under trees and hedges. They multiply readily if left undisturbed. Also extensively used for cut-flower forcing.

**ARMENIACUM**—Deep cobalt blue, larger and finer than Heavenly Blue. April blooming. Used much for cut-flow-ers. 6" tall.

**BOTRYOIDES ALBUS**—March blooming pure white. 6" tall.

**HEAVENLY BLUE**—Light blue, March-April blooming. Multi-plies readily, specially suitable for mass planting. 8" tall.

### MUSCARI (Grape Hyacinths)—Continued

**PLUMOSIS (Feather Hyacinth)**—Unique feather, plumes of pure violet. Blooms late April to May. 7" tall.

### NARCISSI, TENDER

**PAPERWHITE GRANDIFLORA**—Grown by us in Florida.

Full-graded bulbs, that will give excellent results.

12/13 ctm.

15/16 ctm.

13/14 ctm.

16/17 ctm.

14/15 ctm.

### CHINESE SACRED LILIES

14/15 ctm.

16/17 ctm.

15/16 ctm.

17/18 ctm.

**SOLEIL D'OR (Yellow Paperwhites)**—The true French type, deep golden yellow with bright orange eye.

14/15 ctm.

17/18 ctm.

15/16 ctm.

18/20 ctm.

16/17 ctm.

20 ctm. up

### ORNITHOGALUM (Star of Bethlehem)

**ARABICUM**—Fine Easter pot plant and excellent for cut-flowers, producing the longest-lasting flower known. Large umbels of star-shaped white flowers with shiny black pistil. When planted outdoors in Northern regions should be thickly covered over winter. Blooms in June outdoors. 18".

Top Size

First Size

**THYRSOIDES (South African Chinchinchee)**—Single pure white, abundant flowers.

**UMBELLATUM**—The most suitable for rock gardens. White, star-shaped flowers with black centers, carried in umbels of 3 or more flowers. 10".

### OXALIS, Winter-Flowering

These varieties are not hardy but are easily bloomed indoors in pots, bowls, hanging baskets, etc., and may be planted from September to December.

**BERMUDA BUTTERCUP (Cernua)**—Yellow.

**GRAND DUCHESS LAVENDER**

**GRAND DUCHESS PINK**

**MIXED**—Mixed colors.

### RANUNCULUS

#### TECOLOTE GIANTS

MIXED

Tops

No. 1

No. 2

RED SHADES

Tops

No. 1

No. 2

GOLDEN YELLOW

Tops

No. 1

No. 2

ORANGE SHADES

Tops

No. 1

No. 2

PINK SHADES

Tops

No. 1

No. 2

WHITE SHADES

Tops

No. 1

No. 2

### ROMAN HYACINTHS

Genuine imported French stock available now for the first time since the war, in excellent pre-war quality. Invaluable for early pot and bowl work, and for cutting. Each bulb produces 2 to 4 graceful spikes. Can be planted commencing September, and every two weeks thereafter for a succession of blooms. Earliest plantings bloom November.

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## ROMAN HYACINTHS—Continued

<b>BLUE</b>		
12/13 ctm.	13/14 ctm.	14/15 ctm.
<b>PINK</b>		
12/13 ctm.	13/14 ctm.	
<b>WHITE</b>		
10/11 ctm.	12/13 ctm.	14/15 ctm.
11/12 ctm.	13/14 ctm.	

## SCILLAS

Hardy Spring flowering bulbs varying in form and habit according to variety. All naturalize readily. Sibirica being specially suited to rock gardens. They do well in sun or shade.

- CAMPANULATA MIXED**—Mixed "Wood Hyacinths."  
**CAMPANULATA ALBA MAXIMA**—Large tall pure white.  
**CAMPANULATA BLUE QUEEN**—Tall porcelain blue.  
**CAMPANULATA EXCELSIOR**—Large deep blue.  
**CAMPANULATA ROSE QUEEN**—Fine large rose.  
**NUTANS COERULEA**—The common English bluebell.  
**SIBIRICA ALBA**—White.  
**SIBIRICA BLUE (Siberian Squill)**—Bright blue. 3" tall.  
**SIBIRICA SPRING BEAUTY**—Dark blue, much larger than Sibirica, and more floriferous. Long lasting, excellent for pans.

## SPARAXIS (Wandflower)

South-African bulbs closely related to Ixias. Flowers similar to Freesias but much larger, some 3" in diam., height about 8". Bloom outdoors in Spring and while considered fairly hardy should be well covered over Winter in Northern regions. Indoors may be handled as Freesias.

MIXED COLORS

## SPIRAEA (Astilbe)

Profitable Easter pot plants. We offer healthy, well-eyed clumps for pots 6" up. Growing suggestions on request.

- BONN**—Deep carmine rose, good forcing variety.  
**DEUTSCHLAND**—Graceful pure white of strong growth and free flowering.  
**GLADSTONE**—Cream white. Compact deep green foliage.  
**GLORIA SUPERBA**—Deep rose pink; good forcer.  
**PEACH BLOSSOM**—Flowers of peach blossom color with red stamen; foliage light green.

## SPIRAEA (Astilbe)—Continued

**QUEEN ALEXANDRIA**—Clear light pink flowers on medium size trusses. Medium height.

**RHINELAND**—Deep pink; makes a nice shapely plant and holds its color well.

## TRITELEIA (Spring Star Flower)

Low-growing star-shaped of pale lilac-blue, about 2" across, borne on purple-tinted scapes about 6" high, with narrow leaves. Excellent for rock-gardens, they naturalize and multiply readily.

## VIOLACEA

## TRITONIA (Flame Freesia)

South-African natives, they force easily and are quite floriferous. Culture same as Freesias.

**PINK PRINCESS**—Clear pink.

**PRINCE OF ORANGE**—Brilliant orange-scarlet.

**MIXED**—Salmon, orange, and pink.

## VELTHEMIA

Fine mid-Winter blooming bulbous plant. Strong flower spikes 15-18" tall with 40-50 reddish-pink drooping tubular flowers above a foliage rosette of bright wavy-edged green leaves. Growing instructions on request.

**VIRIDIFOLIA**—Top Size.

## PEARL CHIPS

Useful item for dish-gardens and for over-counter sale with Narcissi by seed stores and retail shops.

	Per 100 Lbs.
BULK, Mixed Colors	\$3.50
BULK, White	3.50
	Per Case of 120 Pkgs.
PACKAGED, 15 oz., Mixed Colors	\$6.60

## SPRING BULBS

Let Us Quote You on All Varieties

<b>ANEMONES</b>	<b>GLADIOLI</b>	<b>MONTBRETIAS</b>
<b>BEGONIAS</b>	<b>GLOXINIAS</b>	<b>OXALIS</b>
<b>CALADIUMS</b>	<b>HYACINTH CANDICAN</b>	<b>RANUNCULUS</b>
<b>CALLAS</b>	<b>ISMENES</b>	<b>TIGRIDIAS</b>
<b>CANNAS</b>	<b>LILIES</b>	<b>TUBEROSES</b>
<b>DAHLIAS</b>	<b>MADEIRA VINES</b>	<b>ZEPHYRANTES</b>

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